

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A building construction using tensional support members comprising: a support structure for bearing a compressive load; a support beam member borne by said structure; at least one enclosure cell; and at least one tension member mounted anchored to said support beam member statically suspending said enclosure cell from said support beam member.
2. (Original) The building structure of claim 1 in which said support structure includes a column.
3. (Original) The building structure of claim 1 in which said support structure includes two columns.
4. (Original) The building structure of claim 1 in which said support structure includes at least three columns.
5. (Currently amended) The building structure of claim 1 in which said support beam member includes a linear beam.

6. (Currently amended) The building structure of claim 1 in which said support beam member includes an annular beam.

7. (Currently amended) The building structure of claim 1 in which there are a plurality of support members beams in the form of linear beams.

8. (Currently amended) The building structure of claim 1 in which there are a plurality of support members beams in the form of an inner and an outer annular beam and an interconnection structure connecting the two.

9. (Currently amended) The building structure of claim 1 in which said support beam member includes a tension member including a cable element.

10. (Currently amended) The building structure of claim 1 in which said support beam member includes a number of cable elements suspending each said enclosure cell.

11. (Currently amended) The building structure of claim 1 in which said support beam member includes a fiber reinforced plastic material.

12. (Original) The building structure of claim 1 in which said enclosure cell includes a wall and floor.

13. (Previously presented) The building structure of claim 12 in which said wall and floor of said enclosure cell includes fiber reinforced plastic material.

14. (Currently amended) A method of building using tensioned support members comprising: providing a support structure for bearing a compressional load; installing a support beam member on said support structure; providing at least a first enclosure cell; and statically suspending each enclosure cell from said support beam member with a tension member mounted anchored to said support beam.

15. (Currently amended) The method of claim 14 further including suspending additional enclosure cells from said support beam member beneath said first enclosure cell.

16. (Original) The method of claim 14 in which said support structure includes at least two columns.

17. (Currently amended) The method of claim 14 in which there are ~~a plurality of support members which include~~ at least two beams.

18. (Currently amended) The method of claim 14 in which said support beam member is a linear beam.

19. (Currently amended) The method of claim 14 in which said support beam member is an annular beam.

20. (Currently amended) The method of claim 14 in which there are a plurality of support ~~members~~ beams in the form of an inner and an outer annular beam and an interconnection structure between the two.

21. (Previously presented) A building comprising:

a support structure for bearing a compressive load;

a support member borne by said structure;

a first enclosure cell;

a second enclosure cell; and

tension members suspending the first and second enclosure cells from the support member adjacent each other to form a building wherein the enclosure cells constitute different levels of the building.